

Name :

Date:

Period:

## Microscope Letter "E" Lab KEY

### Procedure:

1. Grab punched out letter "e"
2. Place "e" on slide so that it looks like diagram shown below:



3. Follow microscope instructions
4. View letter "e" on low power, and then answer questions below.

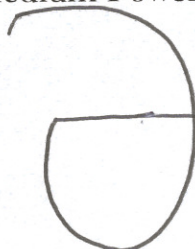
### Questions to answer:

1. When looking through the microscope at the newsprint, is the newsprint upside down/reversed or does it remain right side up?  
**Upside down and reversed**
2. If you move the slide to the right, what direction does the newsprint move?  
**left**
3. What is the total magnification of the objective lens when used with the ocular lens at 10x?
  - a. 4x \_\_\_\_\_ **40X**
  - b. 10x \_\_\_\_\_ **100X**
  - c. 40x \_\_\_\_\_ **400X**

Draw the letter e under Low Power:



Draw the letter e under Medium Power:



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3. What is the total magnification of the objective lens when used with the ocular lens at 10x?
  - 4x \_\_\_\_\_
  - 10x \_\_\_\_\_
  - 40x \_\_\_\_\_

Draw the letter e under Low Power:

Draw the letter e under Medium Power: